White Rose Maths

1 Sort the shapes into groups.

triangles   pentagons
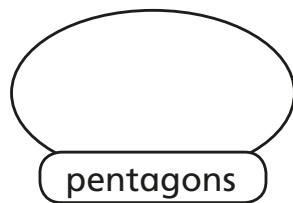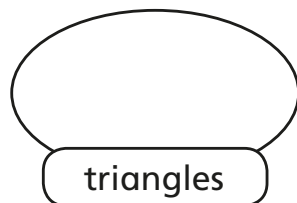
2 How have the shapes been sorted?
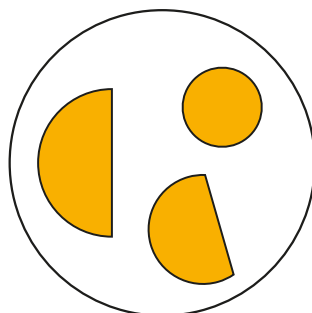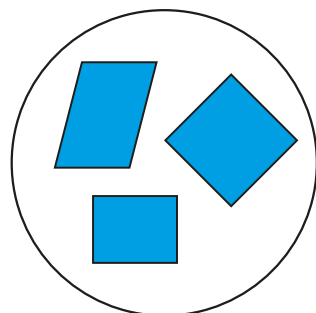
3 Eva sorts some shapes.
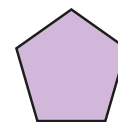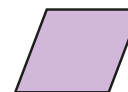
triangles   hexagons
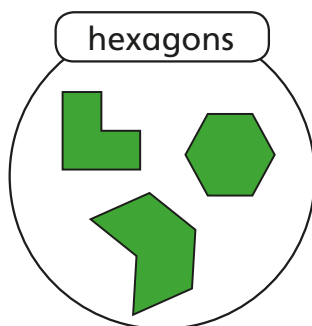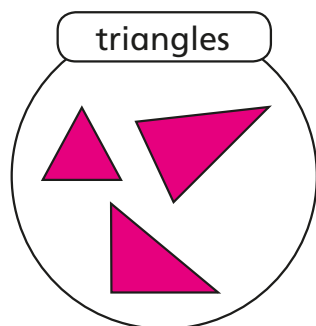
a) Is Eva correct?

How do you know?

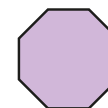**b)** Draw a group of three different pentagons.

4 a) Sort the shapes in order of the number of sides.
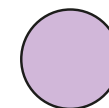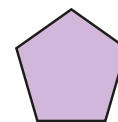
Start with the shape that has the fewest sides.

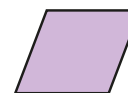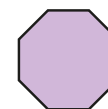A   B   C   D   E

b) Sort the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.
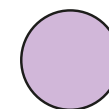
A   B   C   D   E

c) What do you notice about your answers to part a) and part b)?

5 Draw three different shapes in each group.

shapes with 4 sides

shapes with an odd number of vertices

shapes with an even number of sides